AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, and listings, of claims in this application:

Listing of Claims:

1. (Currently Amended) A computer-implemented method for viewer-specific presentation of information, the method using a computer comprising a CPU, a memory operatively connected to the CPU, and a program stored in the memory and executable by the CPU for presenting information, the method comprising:

establishing a database of metadata defining a predetermined plurality of viewer states, at least one data state corresponding to each of said plurality of viewer states, a plurality of data types, and a plurality of data elements, each of said data elements being tagged for association with at least one of said data types and one of said data states;

receiving a request for information from a viewer;

identifying a respective viewer state associated with said viewer, said respective viewer state being one of said plurality of viewer states;

referencing said database to identify~~ing~~ a collection of one or more data states related to said viewer state;

referencing said database to identify~~ing~~ a collection of multiple data types relating to the request for information;

referencing said database to identify~~ing~~ a data element data store storing multiple data elements, each of said multiple data elements being tagged for association with one of said data states and one of said data types;

selecting viewer-specific data elements from said data store by determining a corresponding data state of each data element in said data store, examining data elements related to each data type, and for each data type selecting a corresponding data element having a corresponding data state that is preferred among said data states corresponding to said viewer state;

presenting said viewer-specific data elements to said viewer to satisfy said viewer's request for information.

2. (Previously Presented) The method of claim 1, wherein said viewer state provides a list of data states in a ranked order of preference for satisfying a request for information for said viewer state.

3. (Previously Presented) The method of claim 2, wherein said corresponding data element comprises a respective data element having a respective data state that is most highly ranked among all data states corresponding to said viewer state.

4. (Previously Presented) The method of claim 3, further comprising:

identifying an entity data store storing a plurality of entities;

tagging each of said data elements in said data element data store with one of said entities;

selecting entity-specific data elements for each entity by examining said data elements and selecting a subset of said data elements corresponding to said entity;

selecting viewer-specific data elements from said entity-specific data elements by examining said entity-specific data elements corresponding to each

data type, and for each data type selecting a corresponding data element having a corresponding data state that is preferred among said data states corresponding to said viewer state; and

presenting said viewer-specific data elements selected from said entity-specific data elements for each entity to said viewer to satisfy said viewer's request for information.

5. (Previously Presented) The method of claim 4, wherein said corresponding data element comprises a respective data element having a respective data state that is most highly ranked among all data states corresponding to said viewer state.

6. (Previously Presented) The method of claim 5, further comprising:

identifying a set of entity types;

tagging each of said entities in said entity data store with one of said entity types;

identifying a collection of design states corresponding to said viewer state;

identifying a design template data store storing at least one design template describing a format for data presentation, each template being tagged with one of said design states and one of said entity types;

selecting viewer-specific design templates from said design template data store by determining a corresponding entity type for each entity in said entity data store, examining said design templates corresponding to said entity type, and selecting a corresponding design template having a corresponding design state that is preferred among said design states corresponding to said viewer state; and

utilitizing said viewer-specific design template to present said viewer-specific data elements selected from said entity-specific data elements for each entity to said viewer to satisfy said viewer's request for information.

7. (Previously Presented) The method of claim 6, wherein said viewer state provides a list of design states in a ranked order of preference for satisfying a request for information for said viewer state.

8. (Previously Presented) The method of claim 7, wherein said corresponding design state comprises a respective design state that is most highly ranked among all design states corresponding to said viewer state.

9. (Previously Presented) The method of claim 6, wherein said corresponding design template comprises a respective design template having a respective design state that is most highly ranked among all design states corresponding to said viewer state.

10. (Previously Presented) The method of claim 5, further comprising:

identifying a collection of entity states corresponding to said viewer state, said entity states being identified in a ranked order of preference for satisfying a request for information for said viewer state;

identifying an entity data store containing at least one entity, each entity being tagged with at least one of said entity states;

selecting viewer-specific entities from said entity data store by examining said entities and selecting entities having at least one entity state corresponding to said viewer state;

ranking said viewer-specific entities according to a highest ranked entity state for each entity specified by said ranked entity states corresponding to said viewer state; and

presenting said selected viewer-specific entities to said viewer to satisfy said viewer's request for information.

11. (Previously Presented) The method of claim 8, further comprising:

identifying a collection of entity states corresponding to said viewer state, said entity states being identified in a ranked order of preference for satisfying a request for information for said viewer state;

identifying an entity data store storing at least one entity, each entity being tagged with one of said entity types;

selecting viewer-specific entities from said entity data store by examining said entities and selecting entities having at least one entity state corresponding to said viewer state;

ranking said viewer-specific entities according to a highest ranked entity state for each entity specified by said ranked entity states corresponding to said viewer state; and

utilitizing said viewer-specific design templates to present said viewer-specific data elements selected from said entity specific data elements for each of said selected entities to said viewer to satisfy said viewer's request for information.

12. (Currently Amended) A computer-implemented method for viewer-specific presentation of information, the method using a computer comprising a CPU, a memory operatively connected to the CPU, and a program stored in the memory and executable by the CPU for presenting information, the method

comprising:

establishing a database of metadata defining a predetermined plurality of viewer states, at least one design state corresponding to each of said plurality of viewer states, a plurality of entity types, and a plurality of entities, each of said entities being tagged for association with at least one of said entity types;

receiving a request for information from a viewer;

identifying a respective viewer state associated with said viewer, said respective viewer state being one of said plurality of viewer states;

referencing said database to identify~~ing~~ a collection of design states corresponding to said viewer state;

referencing said database to identify~~ing~~ a set of entity types;

referencing said database to identify~~ing~~ an entity data store storing at least one entity, each entity being tagged with one of said entity types;

referencing said database to identify~~ing~~ a design template data store storing at least one design template describing a format for a data presentation, each template being tagged with one of said design states and one of said entity types;

selecting a viewer-specific design template from said design template data store by determining a corresponding entity type of each entity in said entity data store, examining said design templates corresponding to said entity type, and selecting a corresponding design template having a corresponding design state that is preferred among said design states corresponding to said viewer state; and

utilitizing said viewer-specific design template to present said entities to said viewer to satisfy said viewer's request for information.

13. (Previously Presented) The method of claim 12, wherein said

design states are identified in a ranked order of preference for satisfying a request for information for said viewer state.

14. (Previously Presented) The method of claim 13, wherein said corresponding design template comprises a respective design template having a respective design state that is most highly ranked among all design states corresponding to said viewer state.

15. (Previously Presented) The method of claim 14, further comprising:

identifying a collection of entity states corresponding to said viewer state, said entity states being identified in a ranked order of preference for satisfying a request for information for said viewer state;

identifying an entity data store storing at least one entity, each entity being tagged with one of said entity types;

selecting viewer-specific entities from said entity data store by examining all entities and selecting entities having at least one entity state corresponding to said viewer state;

ranking said viewer-specific entities according to a highest ranked entity state for each entity specified by said ranked entity states corresponding to said viewer state;

selecting a viewer-specific design template from said design template data store by determining a corresponding entity type of each selected entity in said entity data store, examining said design templates corresponding to said entity type, and selecting a corresponding design template having a corresponding design state that is preferred among said design states corresponding to said viewer state; and

utilitizing said viewer-specific design template to present said selected entities to said viewer to satisfy said viewer's request for information.

16. (Previously Presented) The method of claim 15, wherein said corresponding design state comprises a respective design state that is most highly ranked among all design states corresponding to said viewer state.

17. (Currently Amended) A computer-implemented method for viewer-specific presentation of information, the method using a computer comprising a CPU, a memory operatively connected to the CPU, and a program stored in the memory and executable by the CPU for presenting information, the method comprising:

establishing a database of metadata defining a predetermined plurality of viewer states, at least one entity state corresponding to each of said plurality of viewer states, and a plurality of entities;

receiving a request for information from a viewer;

identifying a viewer state associated with said viewer;

identifying a collection of entity states corresponding to said viewer state, said entity states being identified in a ranked order of preference for satisfying a request for information for said viewer state;

identifying an entity data store containing at least one entity, each entity being tagged with at least one of said entity states;

selecting viewer-specific entities from said entity data store by examining said entities and selecting entities having at least one entity state corresponding to said viewer state;

ranking said viewer-specific entities according to a highest ranked entity state

for each entity specified by said ranked entity states corresponding to said viewer state; and

presenting said ranked entities to said viewer to satisfy said viewer's request for information.